# PATENT ABSTRACTS OF JAPAN

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(54) DEFECT PICTURE ELEMENT DETECTION CIRCUIT FOR SOLID-STATE IMAGE PICKUP DEVICE

(57)Abstract:

PURPOSE: To detect a defect picture element and to prevent mis-detection of an output not being a detection object by erasing position data stored in a register when a picture element corresponding to position data stored in the register is not detected consecutively as a defect picture element for a prescribed number of times so as to exclude the effect depending on the condition at detection.

CONSTITUTION: The circuit is provided with a system controller 4 detecting a defect picture element outputting a signal of a specific level in each picture element of a CCD element 2 based on an output signal of the CCD element 2, a switch 20, a detection pre-processing circuit 21, a detection circuit 22 and a register 14 storing position data of a detected defect picture element. When a picture element corresponding to position data is not detected as a defect picture element consecutively for 10 times or over, the position data stored in the register 14 are erased.

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